 瑪麗醫院 QUEEN MARY HOSPITAL	Department of Obstetrics and Gynaecology	Document No.	OGRM227
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因醫學原因凍存精子病人參考資料

香港大學瑪麗醫院輔助生育中心現時為有需要的病人提供冷凍儲存精液的服務。病人因癌症或其他疾病，或因手術、化療、放療等治療，導致生育力有可能嚴重受損的，均可申請這項服務。如需要手術取精子或用藥物誘導精子製造，也可以精子凍存。

在這份參考資料裡，我們會向你解釋在決定凍存精子之前，你需要考慮的各個事項。

我必須在開始治療前凍存精子嗎？

如果你的病或你計劃接受的治療有可能令你的精子顯著減少、甚至變成無精子，你可考慮在開始治療前凍存精子，藉以保存將來生育的機會。如有疑問，應盡早與你的主診醫生商討。

我的精子可以在化驗室凍存多久？

如因為生育力保存，你的精子可以凍存至你 55 歲、或凍存 10 年，以較長者為準。你也可以指明凍存至小於以上年期。

如因為手術取精子或用藥物誘導精子製造，精子最長凍存 10 年。

最重要的是，切記你必須每隔兩年以書面形式續期凍存。如果你沒有書面續期，你凍存的精子將會被棄置。此外，如果你的聯絡地址或電話號碼有改動，也請務必以書面形式通知本中心。

我可以隨時終止凍存精子嗎？


可以。如果你不想繼續凍存你的精子，請通知本中心。

我將來想生育的時候是不是也要醫生協助？

當你的病已經治愈，可請醫生安排做精液分析。只有在沒有精子、或精子質量嚴重受損時，你才需要醫生協助。你必須已合法結婚，才能接受輔助生育治療，包括宮內授精或體外受精治療等。你妻子可前來我們的不孕症門診接受診治。

我應該怎樣安排凍存我的精子？

1. 你或你的主診醫生可致電 22554262 聯絡香港大學婦產科學系私家門診，預約輔助生育專科醫生向你解釋有關凍存精子及簽署同意書的事宜。
2. 瑪麗醫院現在正在為患者在化療或電療之前提供公家生育力保存服務。病人可以將有關轉介信傳真給我們（傳真號碼：22554842）。我們會盡量安排在一星期內約見病人，向你解釋有關凍存精子及簽署同意書的事宜。

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若你未滿 18 歲，則你和你父母需簽署未成年人士同意書。

簽妥同意書後，你需在 1-2 週內送 1-2 個樣本到化驗室作凍存之用。請致電 22553412 與化驗室職員預約日期及時間。

精液樣本應以手淫方式收集進醫院提供的乾淨瓶子裡，之前最好禁慾至少兩日(但不多於 7 日)。樣本最好在 1 小時內送到化驗室。運送途中樣本保持室溫即可，不得冷藏。如果送去的樣本質量均欠佳，可要求再送。而化驗室只會在與你的主診醫生討論後才安排你再送，務求使你的癌病治療不受延誤。

我需要支付多少費用？

1. 私家病人需要付門診費用。隨後需要繳付精子凍存費(首兩年港幣 4,600 元，其後每兩年港幣 6,900 元。(如有變更，恕不另行通知。))
2. 病人需要滿足選擇標準才能獲得公家生育能力保存服務。公家生育力保存服務每年可提供 40 個精子冷凍週期。

男士

1. 年齡<35 歲
2. 沒有孩子
3. 癌症治療後有生育願望
4. 癌症治療後睪丸衰竭的風險很高
5. 癌症治療後有現實機會存活 5 年
6. 以前沒有接受過化療或盆腔放療

需要繳付精子凍存費，首兩年港幣 4,600 元，其後每兩年港幣 6,900 元。(如有變更，恕不另行通知。)

以下有更多相關信息

網站: <https://hkuivf.hku.hk/services/fertility-preservation/>

YouTube:

男性生育力保存 (廣東話)

<https://www.youtube.com/watch?v=u1vjktjnC5A&list=PLp60AnTUVei8uyfd3qv9926qMKhbUDOpV&index=1>

男性生育力保存 (普通話)


<https://www.youtube.com/watch?v=CnBc8qJECYM&list=PLp60AnTUVei-P7nKz1ueOTWQd8xldapD2>



生育力保存 (廣東話)



生育力保存 (普通話)

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Information on Sperm Freezing for Medical Reasons

We are offering the service of freezing sperm to patients whose future fertility might be severely affected by medical treatments including surgery, chemotherapy or radiotherapy for cancer or other medical conditions. Freezing sperm is also indicated in patients who require surgical retrieval of sperm or medical induction of spermatogenesis.

This information sheet explains what you need to know before considering freezing your semen samples.

Do I need to freeze my semen samples before the cancer treatment?

If your medical condition and the planned treatment might lead to significant reduction of sperm count or even no sperm at all, you can consider freezing sperm before the treatment in order to preserve your fertility in future. In case of doubt, you should discuss this issue with your cancer treatment doctor as early as possible.

How long can I freeze my semen samples in the laboratory?

In case of fertility preservation for cancer patients, you can freeze the sperm until you are 55 years old or for 10 years, whichever is later. You can specify an age limit lower than that.

In case of surgical retrieval of sperm or medical induction of spermatogenesis, sperm can be frozen for up to 10 years only.

It is important to remember that you need to renew the contract in writing every two years. Your frozen sperm will be discarded if you fail to renew the contract. Our Centre and your doctor-in-charge should be informed in writing if you have changed your address or telephone number.

Can I terminate the freezing contract?


Yes, you should inform the Centre in writing if you do not want to continue with the storage of semen samples.

Do I need further help when planning pregnancy?

If your medical condition is cured, you can ask your doctor to arrange a semen analysis. Medical help would be required if there is no sperm in the ejaculate or semen quality is severely impaired. You have to be legally married in order to receive assisted reproductive treatment such as intrauterine insemination or in vitro fertilization treatment and your wife can be referred to our infertility clinic for further evaluation.

How can I arrange this freezing service?

1. You or your cancer treatment doctor can call K5N private clinic at 2255-4262 to make an appointment to see us to discuss the sperm freezing and sign the consent form.
2. Queen Mary Hospital is now offering public fertility preservation to patients prior to chemotherapy or radiotherapy. Such referral letters can be faxed to us (fax number: 22554842). We will try to arrangement an appointment within one week.

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If you are less than 18, the consent for minor should also be signed by your parent.

After signing the consent, ONE to TWO samples are submitted within 1-2 weeks to the laboratory for freezing. Please arrange the time and the date with the laboratory staff at 22553412.

Semen samples should be obtained by masturbation and ejaculated into a clean container provided to you. Ideally, the samples are collected after a minimum of 2 days (but not longer than seven days) of sexual abstinence / masturbation. They should be delivered to the semen laboratory within one hour of collection and the samples should also be kept at body temperature during transport. You may be required to submit further semen samples if all these samples are of suboptimal quality. This will be arranged only after further discussion with your cancer treatment doctor so that your cancer treatment will not be unduly delayed.

How much do I need to pay such service?

1. As a private patient, you will need to pay for the consultation fee. Subsequently, you will need to pay for sperm freezing and storage fee (first 2 years: HKD 4,600, then every 2 years HKD 6,900, subject to change without notice).
2. The patients need to fulfil the selection criteria in order to receive public service. We provide up to 40 cycles of sperm freezing per year in the public fertility preservation service.

Men

1. Age <35 years
2. Have fertility wish after cancer treatment
3. Have a high risk of testicular failure after cancer treatment
4. A realistic chance of surviving 5 years
5. No prior chemotherapy or pelvic radiotherapy

Patients still need to pay the laboratory fee for semen freezing and storage (first 2 years: HKD 4400, then every 2 years HKD 6600, subject to change without notice).

More relevant information

Website: <https://hkuivf.hku.hk/en/services/fertility-preservation/>

YouTube

Male Fertility Preservation (English)

https://www.youtube.com/watch?v=Dlprj115h_o&list=PLp60AnTUVei-7gCT6NVpiVIP_SYcJmUPf

